

# Portable DC Powerbank

Rated Power 120W

192/384/500WH



## Daily Equipment Consumption Reference



Lamp  
25H



Fan  
10H



TV  
5H



Mobile  
45Times



Laptop  
8H



Car Fridge  
8H



Projector  
5H



Hair Drier  
30M



Radio  
50H



Pet Feeder  
83H

## Colour Option



White



Black



Green



Blue



Orange



Yellow

## Tech Data

Model No.	DY-DPES100192/384	DY-DPES100500	
DC Charging	PV 16-24V ≤100W	PV 5-12V ≤100W	
AC Charging	14.6V/10A (Adapter)	5-12V/5A (Adapter)	
DC Output	Type-C	QC3.0: 12V/1.5A PD: 12V/1.5A	5V/2A
	USB	USB1: QC3.0 12V/1.5A USB2&3: Totally 5V/3A	5V/2A
	DC	DC5521*2: 12V/10A	DC5521*3: 12V/2A DC5525*2: 12V/10A
	Cigarette lighter	/	12V 10A
Battery	Type	LFP	LFP
	Capacity	192/384WH	500WH
	Cycle Life	>4000 Times	>4000 Times
Voltage at 100% storage	14.6V	3.6V	
Screen	LED	/	
Standby Power	<1W	<1W	
Protection	Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage		
Lighting	Melody Flowing Light (music)	15W LED (lighting)	
Music Player	5W*1	/	
Bluetooth	5.4	/	
Size(mm)	214x125x215	236x82x276	
Weight(kgs)	2.2/2.7	4/4.5	

## Solar Panle Option



Single Panel



Folding Panel1.0



Folding Panel2.0



Folding Panel3.0

# Portable AC/DC Powerbank

300W/600W/1200W

0.5KWH/1KWh



## Daily Equipment Consumption Reference



Lamp  
50H



Fan  
20H



TV  
10H



Mobile  
90T



Laptop  
16H



Car Fridge  
16H



Projector  
10H



Hair Drier  
1H



Radio  
100H



Pet Feeder  
166H

## Application Scene



Household



Office



Travel



Camping



Outdoor Work

## Tech Data

Model No.	DY-PES3001	DY-PES600576	DY-PES12001
DC Charging	XT90/12-48V, ≤200W	DC5521 12-24V, ≤120W	XT60/12-24V, ≤400W
	DC7909/12-48V, ≤200W	Type-C2 PD100W	DC5521/12-24V, ≤120W
AC Charging	Adapter	Adapter	Adapter
AC Output	Rated Power	300W	600W
	Surge Power	500, <50ms	1200W, <50ms
	Voltage	220/110V	
	Frequency	50/60Hz	
DC Output	Type-C1	5V3A	PD/QC3.0 30W
	Type-C2		PD100W
	USB	2pcs, share 5V3A	USB1: QC3.0 18W USB2: SCP 22.5W
	DC5521	4pcs, share 12V5A	12V/10A
	Cigarette lighter	x	✓
Battery	Type	LFP 3.2V 314Ah	LFP, 3.2V/6000MAh
	Capacity	1004.8Wh	576Wh
	Cycle life	>4000 times	>4000 times
Voltage at 100% storage	3.6V±0.1V	21.9V±0.1V	
Screen	/	LCD	
Standby Power	< 3W	< 10W	
Protection	Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage		
Lighting	/	LED	
Size(mm)	139*215*320/ 210*315*390	270*210*210/ 345*285*280	245*280*250/ 345*345*320
Weight(kgs)	8.9/9.5	6.1/6.6	11.5/12.1

## Solar Panle Option



Single Panel



Folding Panel



Solar Blanket

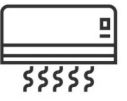









# Household ESS Power

2KW/5KW

2KWh/5KWh



## Daily Equipment Consumption Reference

 Air Conditioner 5H	 Fan 100H	 TV 50H	 Washer 10H	 Laptop 120H
 Fridge 25H	 Electric Cooker 8H	 Hair Drier 5H	 Induction Cooker 2H	 Iron 10H

## Application Scene

 Household	 Office	 Travel	 Camping	 Outdoor Work
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## Tech Data

Model No.	DY-MES20002	DY-MES50005	
DC Charging	XT 60: 10-45V, Max 400W	MC4: 60-140V 3360W	
	DC 5521: 10-45V/10A		
AC Charging	220V	110V/220V	
AC Output	Rated Power	2000W	5000W
	Surge Power	≥2200W	≥15KW
	Voltage	220V	110V/220V
	Frequency	50Hz	50Hz/60Hz
DC Output	Type-C1	QC3.0: Max 12V/1.5A PD: Max 12V/2.5A	/
	Type-C2	PD/QC3.0: Max 20V/5A When works with USB1, generates 5V/5A	/
	USB	USB1: QC3.0 MAX 20V/3A(60W) USB2: QC3.0 Max 12V/1.5A(18W)	4PCS, 5V
	DC5521	12V/10A	4PCS, 12V
	Cigarette lighter		/
Battery	Type	LFP 3.2V/45Ah	LFP 3.2V/100Ah
	Capacity	2304Wh (3072Wh Optional)	5120Wh (10240Wh Optional)
	Cycle life	>4000 times	>4000 times
Voltage at 100% storage	58.4V±0.1V		
Screen	LED	LCD	
Standby Power	< 10W	< 50W	
Protection	Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage		
Lighting	LED 4W	/	
Size(mm)	460*250*328/565*355*430	525*245*938/585*305*1100	
Weight(kgs)	22.3/24.6	40/48	

## Solar Panle Option











		
Single Panel	Folding Panel	Solar Blanket

# Household ESS Power-Split Phase

## 3KW/5KW/8KW/10KW/12KW



### Daily Equipment Consumption Reference

 Air Conditioner 5H	 Fan 100H	 TV 50H	 Washer 10H	 Laptop 120H
 Fridge 25H	 Electric Cooker 8H	 Hair Drier 5H	 Induction Cooker 2H	 Iron 10H

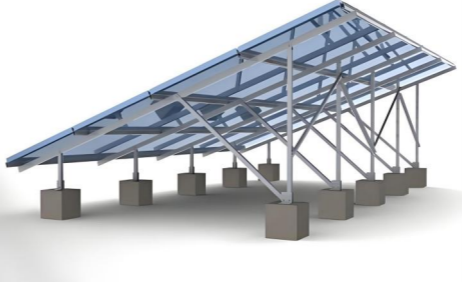
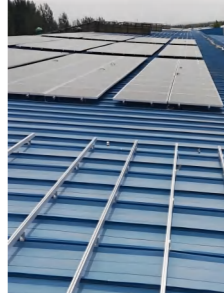
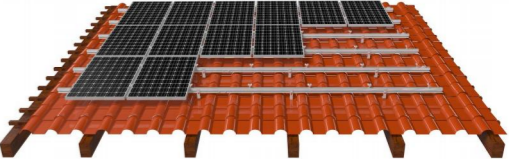
### Application Scene

 Household	 Office	 Travel	 Camping	 Outdoor Work
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### Tech Data

Model No.	DY-MES3K5L	DY-MES5K10L	DY-MES8K10L	DY-MES10K16L	DY-MES12K16L	
PV Charging	180V/5.6KW Max.		300V/11.2KW Max.			
PV MPPT	60-180V, 1/1		60-240V, 1/2			
AC Charging	Split Phase, 110V/220V					
AC Output	Rated Power	3KW	5KW	8KW	10KW	12KW
	Surge Power	≥9KW	≥15KW	≥24KW	≥30KW	≥36KW
	Voltage	Split Phase, 110V/220V				
	Frequency	50Hz/60Hz				
DC Output	USB	4PCS, 5V				
	DC5521	4PCS, 12V				
Battery	Type	LFP				
	Capacity	5.12KWh	5.12/10.24KWh	10.24KWh	16.08KWh	16.08KWh
	Cycle life	>4000 times				
Voltage at 100%	58.4V±0.1V					
Screen	LCD					
Standby Power	< 30W	< 50W	< 80W	< 100W	< 120W	
Protection	Short circuit/Over loading/Over temperature/Over voltage/Over current/Under voltage					

### PV Bracket Option

		
Ground/Flat Rooftop	Steel Tile Rooftop	Clay/Cement/Asphalt Tile Rooftop